

HALLOWEN & ASSOCIATES, INC.

SOIL & ENVIRONMENTAL SCIENTISTS

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17 June 2003

Mr. Stephen Buffkin
13148 NC Hwy 210
Benson, NC 27504

Reference: Preliminary Soil Investigation
Lots 1 through 7

Dear Mr. Buffkin,

A preliminary soil investigation has been conducted at the above referenced property, located on the western side of Matthews Mill Pond Road (SR 1510), Neill's Creek Township, Harnett County, North Carolina. The purpose of the investigation was to determine each lot's ability to support a subsurface sewage waste disposal system and repair area for a typical three-bedroom home. The purpose of the investigation was also to determine the existence of a subsurface sewage waste disposal system on Lot 1 and to make surface observations relative to its apparent operation. All ratings and determinations were made in accordance with "Laws and Rules for Sanitary Sewage Collection, Treatment and Disposal, 15A NCAC 18A .1900." Lots 5 through 7 are greater than 10 acres each and exempt from subdivision requirements but were investigated to insure that each has adequate amounts of usable soils to support a septic system and repair area for at least one home.

Lot 1 has an existing septic system that was not in use at the time of the investigation. No evidence of stress or past failures was observed at the site and it appears that when activated the system can be expected to function properly. This existing septic system appeared to be located within any setback requirements for this property. A soil investigation was conducted and it appears that an adequate amount of provisionally suitable soil exists on this lot to 100 % repair the system twice if needed.

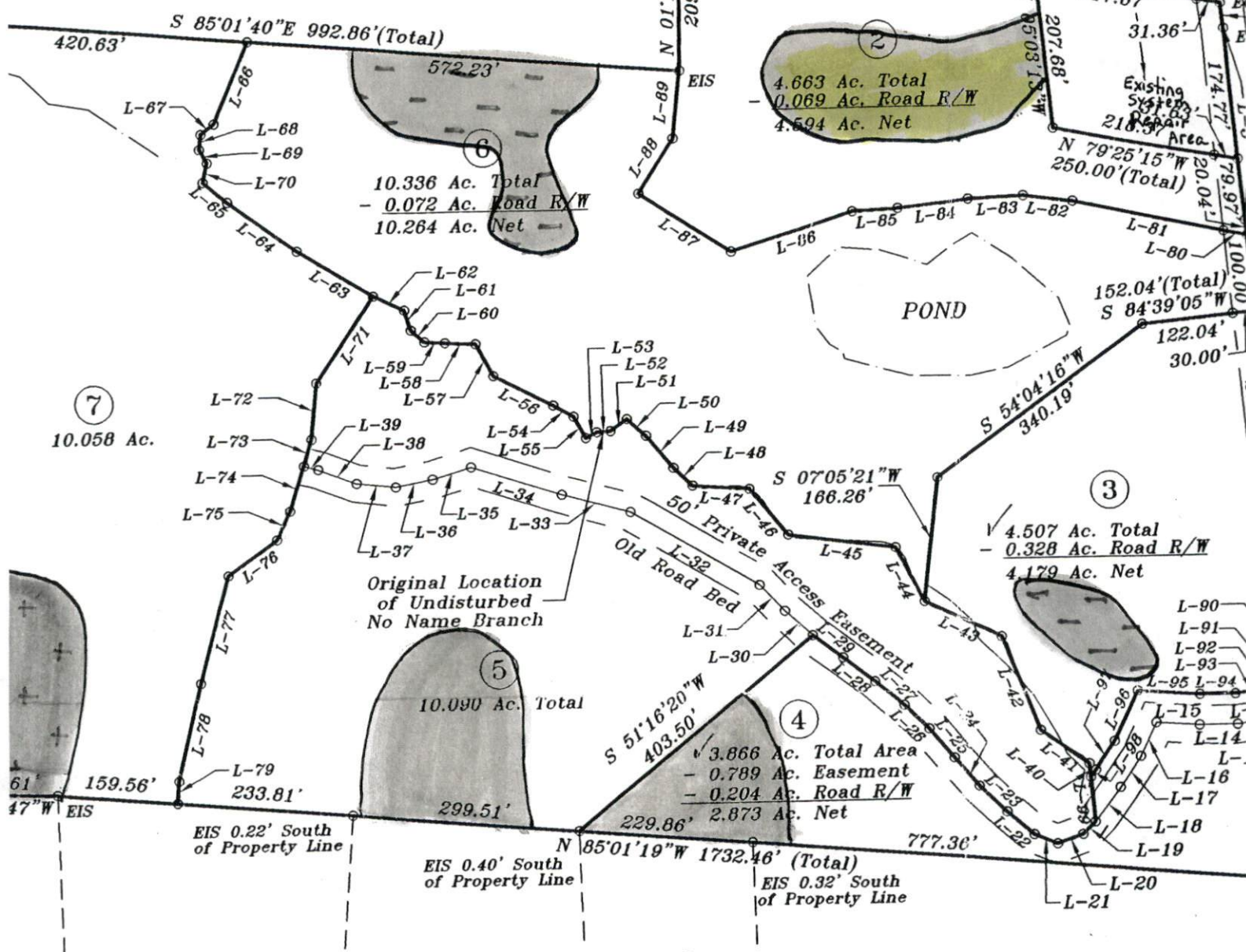
Lot 2 was thoroughly investigated and a portion of the lot was observed to be underlain by soils adequate to support fill systems. The subsoils within 18 inches of the ground surface were observed to be friable sandy clay loams. Soil wetness conditions were typically observed in the 18 to 24 inch zone in the indicated area but some observations along the perimeter of the indicated area were noted as 12 to 18 inches to soil wetness conditions. Utilizing fill systems as specified in .1957 (b) of the referenced rules (copy attached) requires that the long term acceptance rate of 0.3 gal/day/sqft be utilized. It appears that the soils on this lot are adequate to support fill systems for the initial septic system and the repair system for one residence.

1D

Bobbie H. Austin
Deed Book 1500, Page 881
Unrecorded plat by T.L. Stancil, RLS
Entitled Callie M. Horton Heirs
Dated 10-24-84, Revised 11-19-85

1

1.148 Ac. Total
- 0.144 Ac. Road R/W
1.004 Ac. Net



7
10.058 Ac.





10.336 Ac. Total
- 0.072 Ac. Road R/W
10.264 Ac. Net

2
4.663 Ac. Total
- 0.069 Ac. Road R/W
4.594 Ac. Net

3
4.507 Ac. Total
- 0.328 Ac. Road R/W
4.179 Ac. Net

4
3.866 Ac. Total Area
- 0.789 Ac. Easement
- 0.204 Ac. Road R/W
2.873 Ac. Net

5
10.090 Ac. Total

-  Suitable And Provisionally Suitable Soils
-  Provisionally Suitable Soils
-  Provisionally Suitable Soils & Provisionally Suitable Soils For Modified Or Alternative Systems
-  Provisionally Suitable Soils For Fill Systems

R1
Deed Book 754, Page 91
Unrecorded plat by T.L. Stancil, RLS
Entitled Aubrey Dean Farm
Dated 02-24-76

4

Rozell D. Guy
Deed Book 635, Page 893
Unrecorded plat by T.L. Stancil, RLS
Entitled Aubrey Dean Farm
Dated 02-24-76

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